

SHURflo

WATER WIZARD™ HAND PUMP MODEL 150

FEATURES

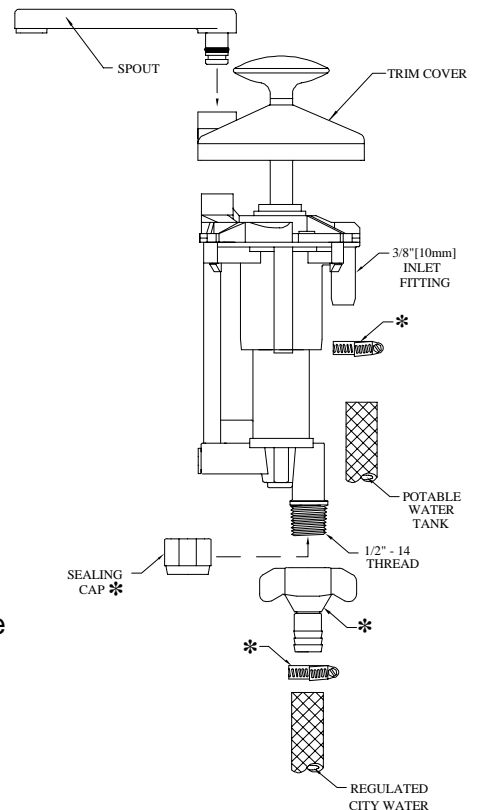
- Delivers Water in both stroking directions.
- Retrofits into most existing hand pump installations.
- "Twist of the Wrist" Hands-Free operation with city water.
- Easy winterizing and sanitizing.
- FDA materials.
- All corrosion resistant materials.
- Parts supplied with aftermarket pump, model #150-001-00:
 - (1) Swivel Barb 1/2" Hose Fitting # 8-161-00
 - (2) Hose Clamps
 - (4) #6 Screws
 - (1) Sealing Cap

READ ALL INSTRUCTIONS BEFORE STARTING THE INSTALLATION

CAUTION: **DO NOT freeze** with water in pump. Refer to page 2 for Winterizing instructions.

CAUTION: **DO NOT** snap the square trim cover to the pump until the unit is correctly located and screwed into position.

NOTE: To remove trim plate, slip screwdriver into slot on plate, and **gently** pry up on both sides.



The procedure outlined below is for new installations. To install the spout there **must** be 2½" [6.35 cm] clearance from the template centerline to any interference behind the unit (back wall) and there **must** be 4¾" [12.06 cm] from the centerline to any interference to the left side of the unit (see template). If the Wizard is to replace an existing hand pump, modifications to the existing hole may be required. Use the template to determine if the trim cover will cover an existing hole after modifications. In most installations there are limitations on space. Use of a hole saw allows the easiest and most precise method to make the cut out.

1. Determine the position and check under the counter for adequate space to mount the pump. Make certain there is sufficient clearance to rotate the spout when installing. Also, if mounted in a flip galley, check for proper clearance in both positions for the pump and tubing. Mark layout lines in-line with the center of the drain, and 2¼" [5.72 cm] from the outer edge of the sink rim. The ¼" [6.35 mm] clearance will allow cleaning between the trim cover and the sink rim.
2. Cut the template (Page: 3) out around the "edge of trim cover." Position the template over the layout lines and hold in place with tape. Mark (pilot drill) the position of the four 1¾" [4.44 cm] holes.
3. Use a 1¾"[4.44 cm] hole saw to cut the four holes. Trim out the remaining material to attain the cut-out shown on the template (bold line). **The trim cover may not cover the hole if enlarged past the size shown.**
4. Place the pump in the cut-out and square it to the sink. Squaring up the pump is easier if the trim cover is placed in position, **but DO NOT snap it in place!** Mark the four mounting holes and remove the pump before drilling small pilot holes for #6 hardware*. If using a power screwdriver, pilot holes may not be necessary. If installing into an existing hole, simply install the supplied screws into the existing holes.
5. On the water line between the tank and pump a water strainer is recommend. To protect the pump a 50 mesh screen (or finer) is necessary, such as the SHURflo Potable Water Strainer #170-061-XX

* supplied with after market pump #150-001-00

6. Connect the tubing from the potable water tank to the inlet fitting. The regulated city water line (if used) is connected with the swivel barb fitting* to the threaded port at the bottom of the pump. **DO NOT OVER-TIGHTEN! HAND TIGHTEN ONLY!** Secure the tubing with hose clamps*. If the city water feature is not being used, install the threaded seal cap*. **DO NOT OVER-TIGHTEN! HAND TIGHTEN ONLY!**
7. Install the pump back into the hole and fasten in place. **DO NOT** over tighten the screws. Doing so can distort the plastic bosses creating difficulty when snapping the trim plate in place.
8. **Perform a visual inspection of the installation before snapping the trim plate into position.** To install the spout, align marks on spout and trim plate. Press spout into the hole, and turn to the forward position. Test the pump for proper operation and check tubing for leaks. Remove and properly discard spout label.

* supplied with after market pump #150-001-00

OPERATION

- A. Water from Tank:** Fill water tank. Pump the piston up and down. Make sure all connections are tight.
- B. City Water: ON:** Turn handle counterclockwise 1/4 turn. **OFF:** Return handle clockwise 1/4 turn.

SANITIZING

Mix into solution, ½ ounce of common household bleach for every gallon of potable water tank capacity [liter ≈ 1 ml] and then fill the tank completely. Operate the pump until the chlorine odor is detected. Allow the solution to have a 4-hour contact time, and then drain the holding tank. Refill the tank and operate pump until the line is flushed clear of solution.

WINTERIZING

CAUTION: DO NOT use propylene glycol based anti-freeze fluids. **Never** allow water freeze in pump.

To winterize the pump, simply drain the holding tank. Operate the pump until all water is flushed from the lines. Remove the city water inlet fitting or threaded cap and collect the water that drains out. Operate the pump several strokes then reinstall the city water fitting or cap. **Make sure pump is thawed before using!**

Water Wizard™ LIMITED WARRANTY

SHURflo warrants the *Water Wizard™* hand pump to be free from material and workmanship defects (under normal use and service) for a period of one (1) year from the date of manufacture, or one (1) year of use, with proof of purchase. In no case will the terms of this limited warranty extend beyond two years from the date of manufacture.

Warranty claims may be resolved by the nearest authorized dealer service center, or by a SHURflo service center. All returns are to be shipped with charges pre-paid. Package all returns carefully. SHURflo will not be responsible for freight damage incurred during shipping.

For complete warranty details refer to SHURflo Service Bulletin #1041.



SHURflo

SHURflo reserves the right to update specifications, prices, or make substitutions.

SHURflo ★

12650 Westminster Ave.
Santa Ana, CA 92706-2100
(800) 854-3218 (714) 554-7709
FAX (714) 554-4721

Shipping/UPS: 12650 Westminster
Ave.
Garden Grove, CA 92843

SHURflo East

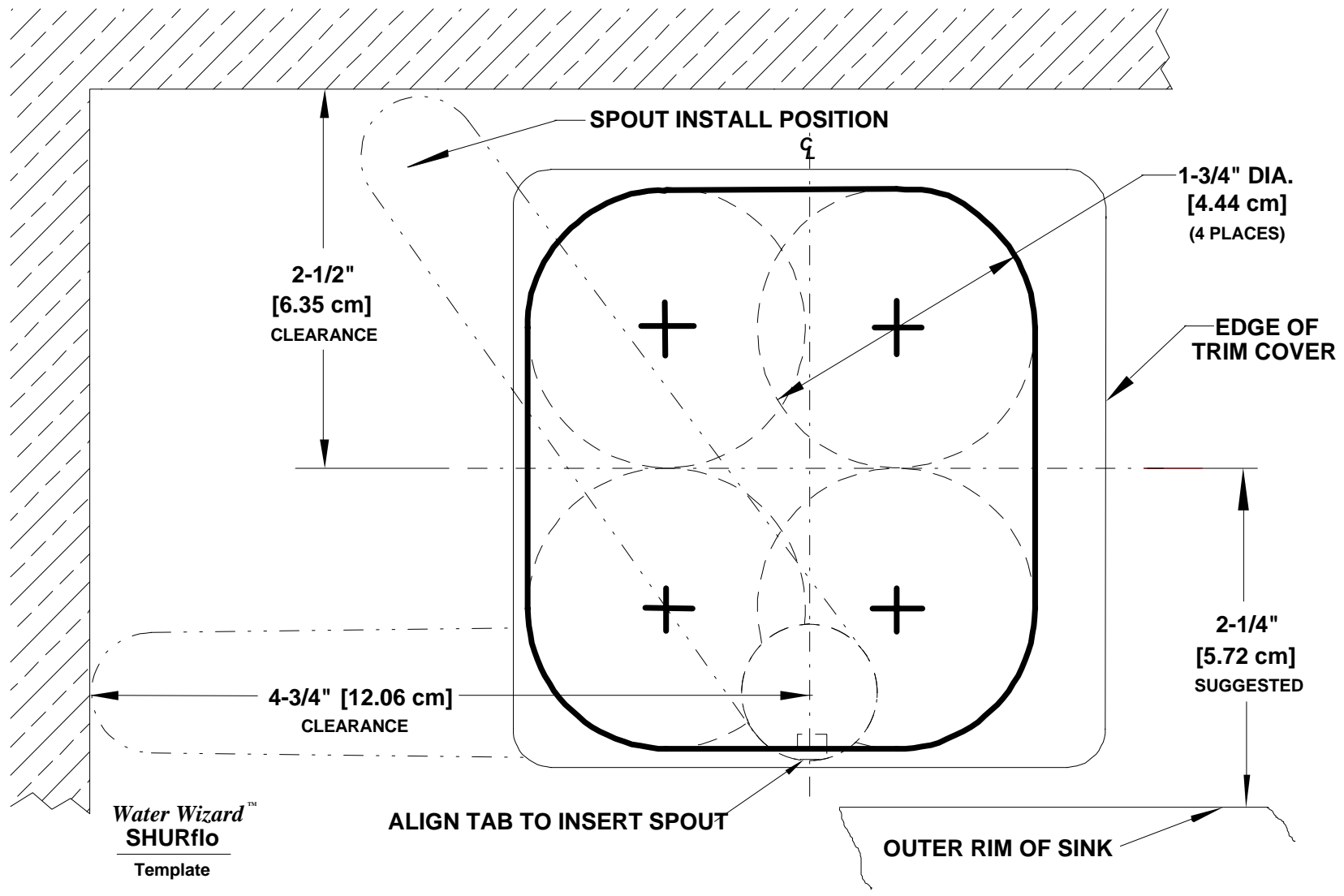
52748 Park Six Court
Elkhart, IN 46514-5427
((800) 762-8094 (219) 262-0478
FAX (219) 264-2169

<http://www.shurflo.com>

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SHURflo Ltd.

Unit 5 Sterling Park
Gatwick Road, Crawley
West Sussex, RH10 2QT
United Kingdom
+44 1293 424000
FAX +44 1293 421880



SHURflo

POMPE À MAIN WATER WIZARD™ MODÈLE 150

Manuel d'utilisation et d'entretien

FONCTIONNEMENT

Nous recommandons qu'un tamis de l'eau est utilisé entre le Réservoir et la pompe, utilisons une maille 55 (ou plus fin), comme le numéro 170-xxx de teinturier de l'eau potable de SHURflo.

A. Eau d'un réservoir :

Remplir le réservoir d'eau. Actionner la poignée de haut en bas. S'assurer que tous les raccords sont étanches.

B. Eau municipale :

OUVERTURE : Tourner la poignée d'... de tour dans le sens inverse des aiguilles d'une montre.

FERMETURE : Ramener la poignée d'... de tour dans le sens des aiguilles d'une montre.

NETTOYAGE

Mélanger 4 ml d'eau de javel par litre de capacité d'eau potable du réservoir (1 oz par gallon) puis complètement remplir le réservoir. Actionner la pompe jusqu'à ce qu'une odeur de chlore soit détectée. Laisser la solution reposer pendant 4 heures puis vidanger le réservoir. Remplir à nouveau le réservoir et actionner la pompe jusqu'à ce que la conduite soit purgée de toute solution chlorée.

PRÉPARATION AVANT L'HIVER

Avant l'hiver, vidanger le réservoir. Actionner la pompe jusqu'à ce que les conduites soient totalement vides. Démonter le raccord d'arrivée d'eau municipale ou le capuchon vissé et récupérer l'eau de vidange. Actionner la pompe plusieurs fois puis remonter le raccord d'arrivée d'eau ou le capuchon. Attention : N'utiliser pas les fluides antigels basés par glycol de propylène. Ne laisser pas la pompe geler avec l'intérieur de l'eau. *Fourni en tant que pièce détachée uniquement.

S'assurer que la pompe est dégelée avant de s'en servir !

DÉMONTAGE

Avertissement : Vidanger toute l'eau et débrancher l'arrivée d'eau municipale.

Bec : Faire tourner le bec de manière à aligner les repères du bec et du couvercle. Démonter le bec.

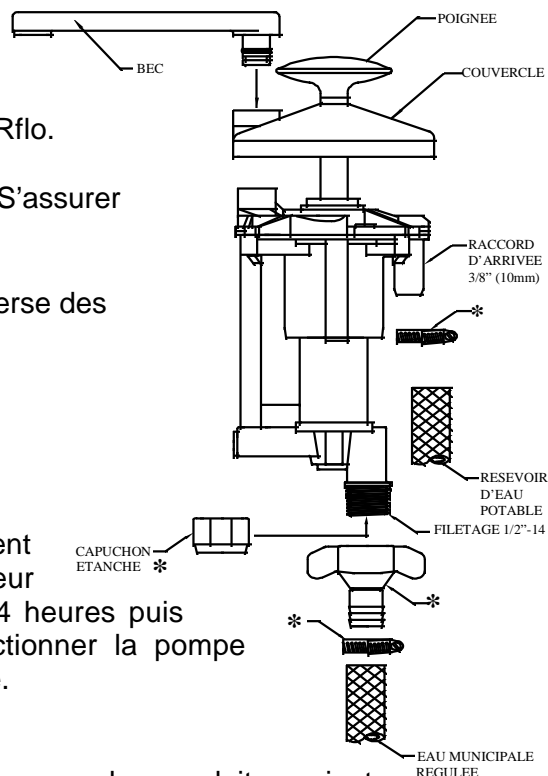
Couvercle : Glisser un tournevis dans la fente de la plaque et soulever **délicatement** les deux côtés.

Pompe : Démonter les tuyaux. Enlever les 4 vis de fixation de la pompe.

GARANTIE LIMITÉE

SHURflo garantit que la pompe manuelle *Water Wizard™* est exempte de tout défaut de matériel et de fabrication (dans des conditions normales d'utilisation et de service) pendant une durée d'un (1) an à compter de la date de fabrication ou d'un (1) an d'utilisation, sur présentation du justificatif d'achat. En aucun cas les termes de la garantie limitée ne pourront s'étendre au-delà de deux ans à compter de la date de fabrication. Les détails complets de la garantie figurent dans le Bulletin de service SHURflo n°1041.

SHURflo se réserve le droit de modifier les caractéristiques ou les prix de ses produits ou d'effectuer des substitutions.



Essayez ces autres produits SHURflo :

- * Filtres à eau municipale Waterguard
 - * Robinets électriques
 - * Pompes à eau potable 12 V
 - * Réservoirs à accumulation
 - * Arrivées d'eau municipale
 - * Filtres à tamis et raccords
 - * Pompes de transfert générales et de vidange d'huile Water Wolf
 - * Gamme complète de pompes marines et accessoires
- Consultez notre catalogue électronique sur notre site Internet : <http://www.shurflo.com>